



# Les Houches

**Summer school on structures in local quantum field theory**

**June 4-15, 2018**

Speakers include (tbc):

L. Adams	S. Bloch	C. Bogner	F. Brown	D. Broadhurst
J. Bourjaily	J. Bluemlein	J. Burgos Gil	J. Broedel	M. Borinsky
M. Berghoff	P. Cvitanovic	J. Drummond	L. Foissy	J. Gracey
F. Herzog	R. Kaufmann	H. Kissler	D. Kreimer	J. Kock
L. Magnea	E. Panzer	O. Schnetz	O. Schlotterer	Y. Schroeder
W. van Suijlekom	K. Vogtman	R. Wulkenhaar	T. Willwacher	K. Yeats

plus a young speakers symposium

Conference topics include:

- Periods and special functions in renormalizable quantum field theories
- QFT, graph complexes, and Outer Space
- Cutkosky rules, algebraic geometry and parametric representations
- Dyson Schwinger Equations and non-perturbative physics

Apart from invited speakers interested postgraduate students and postdocs should submit applications after December 01, 2017 and before April 01, 2018. See [hu.berlin/houches18](http://hu.berlin/houches18)

For participants (speakers and non-speakers alike) the cost of the school, including full board and accommodation is 935 Euro. We expect to be able to cover a substantial part of this by our own funds, as will be announced once the total number of participants is determined in spring 2018. We expect about 30 invited speakers and up to 25 younger participants.

Should we receive more applications than we can accommodate, we will choose participants as a function of scientific merit and order of registration. A letter of recommendation is mandatory in the application.

**Scientific Advisory Committee:**

Spencer Bloch (U. Chicago),  
Francis Brown (IHES & Oxford – All Souls College),  
David Broadhurst (Open U.),  
Dirk Kreimer (HU Berlin)

**Conference Organizers:**

Dirk Kreimer and Spencer Bloch



HUMBOLDT-UNIVERSITÄT ZU BERLIN

